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Certification under 37 CFR 1.10

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October 31, 2003

EXPRESS MAIL mailing number

Date of Deposit

I hereby certify that the correspondence identified above is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O.Box 1450, Alexandria, VA 22313-1450.

Eileen T. Haderler

(Typed or printed name of person mailing correspondence)

(Signature of person mailing correspondence)

PATENT

Customer No. 020991

PD-200092

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

: Date: October 31, 2003

Donald C. D. Chang, et al

Serial No. 09/594,374

: Group Art Unit: : 2681

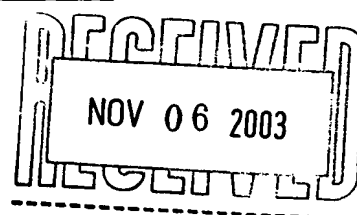
Filed: June 15, 2000

For: COMMUNICATION SYSTEM AS A

: Examiner: Ronald J. Ward

SECONDARY PLATFORM WITH

FREQUENCY REUSE



ADDENDUM TO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER
37 C.F.R. 1.97(c) WITH PAYMENT OF FEE UNDER 37 C. F.R. 1.17 (p)

MAILED ON 10/30/03

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P. O. Box 1450
Alexandria, VA 22313-1450

NOV 05 2003

Technology Center 2600

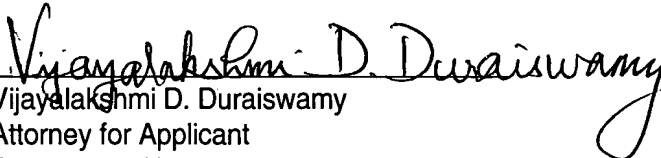
Dear Sir:

See enclosed copy of cover letter and enclosures that were transmitted via facsimile yesterday (10/30/03). As noted therein, an addendum PTO 1449 page and only first pages of the five PCT publications listed thereon were transmitted via facsimile since it was impractical to transmit the entire documents. Copies of the entire documents are enclosed herewith.

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TC 2600

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,
DONALD C. D. CHANG, et al

By: 
Vijayalakshmi D. Duraiswamy
Attorney for Applicant
Registration No. 31,505

Enclosures: as noted

HUGHES ELECTRONICS CORPORATION
RE/R11/A109
P.O. Box 956
El Segundo, CA 90245-0956
(310) 964-0733



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CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to 703-872-9314 (Official Facsimile Number for TC 2600), addressed to: Commissioner for Patents, P.O.Box 1450, Alexandria, VA 22313-1450 on October 30, 2003 (date of facsimile transmission).

V.D. DURAISWAMY (Name of Applicant, Assignee or Registered Representative)

V.D. Duraiswamy (Signature) October 30, 2003 (Date of Signature)

Reg. No. 31,505

Customer No. 020991

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PD- 200092

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Date: October 30, 2003
Donald C. D. Chang, et al
Serial No. 09/594,374 : Group Art Unit: : 2681
Filed: June 15, 2000
For: COMMUNICATION SYSTEM AS A : Examiner: Ronald J. Ward
SECONDARY PLATFORM WITH
FREQUENCY REUSE

ADDENDUM TO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER
37 C.F.R. 1.97(c) WITH PAYMENT OF FEE UNDER 37 C. F.R. 1.17 (p)
MAILED ON 10/30/03

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

A Supplemental Information Disclosure Statement for the above-identified patent application was mailed via Express Mail Post Office to Addressee with 37 CFR 1.10 certification today (October 30, 2003). Inadvertently, five WIPO documents were not listed on the form and copies were not included. Therefore, an addendum PTO 1449 page is enclosed herewith. The five PCT publications are listed thereon. Copies of the first pages of the documents are transmitted herewith. Since it would be impractical to transmit the entire documents via facsimile because of the large number of pages, a copy of this letter, PTO-1449 addendum page and copies of the entire documents will be mailed via Express Mail tomorrow (10/31/03). Please add these to the Supplemental IDS that has already been mailed via Express Mail.

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Also transmitted are copies (marked "COPY") of the Supplemental IDS cover letter and the other three pages of the PTO Form 1449 that were mailed today (10/30/03).

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

PAYMENT OF FEE SET FORTH IN § 1.17 (p)

Since this is an addition to the Supplemental IDS of 10/30/03 that has already been mailed, it is respectfully submitted that the IDS fee should be charged only once and not twice. However, if the Office disagrees, please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account. **This form is being submitted in duplicate.**

Respectfully submitted,
DONALD C. D. CHANG, et al

By: Vijayalakshmi D. Duraiswamy
Vijayalakshmi D. Duraiswamy
Attorney for Applicant
Registration No. 31,505

Enclosure: Addendum Form PTO-1449 (one page)

Copies of first pages of references transmitted via facsimile (copies of entire documents mailed via Express Mail)

HUGHES ELECTRONICS CORPORATION
RE/R11/A109
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El Segundo, CA 90245-0956
(310) 964-0733

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**PATENT APPLICATION**

Page 1 of 1

(Addendum to three page PTO Form 1449 filed via Express Mail on October 30, 2003)

Form PTO-1449	Serial Number 09/594,374	Docket PD-200092
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant DONALD C. D. CHANG ET. AL.	
(Use several sheets if necessary)	Filing Date June 15, 2000	Group 2681

U.S. PATENT DOCUMENTS

		Document Number	Date	Name	Class	Sub Class

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Technology Center 2600

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class
		WO 01/91310 A2	11/29/01	WIPO		
		WO 01/93458 A2	12/06/01	WIPO		
		WO 01/94969 A2	12/13/01	WIPO		
		WO 01/95520 A2	12/13/01	WIPO		
		WO 01/97388 A2	12/20/01	WIPO		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Examiner	Date Considered

Customer No. 020991

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CERTIFICATE OF MAILING (37 CFR 1.10)

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, Va 22313-1450 on October 30, 2003. (Date of deposit).

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Eileen T. Hadeler
Typed or Printed name of Person
Mailing correspondence


Signature of person mailing correspondence

Patent
PD- 200092

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	: Date: October 30, 2003
Donald C. D. Chang, et al	
Serial No. 09/594,374	: Group Art Unit: : 2681
Filed: June 15, 2000	
For: COMMUNICATION SYSTEM AS A	: Examiner: Ronald J. Ward
SECONDARY PLATFORM WITH	
FREQUENCY REUSE	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(c)
WITH PAYMENT OF FEE UNDER 37 C. F.R. 1.17 (p)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The attention of the Office is drawn to the references listed on the accompanying PTO-1449 form (copies enclosed).

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

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PAYMENT OF FEE SET FORTH IN § 1.17 (p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account. **This form is being submitted in duplicate.**

Respectfully submitted,
DONALD C. D. CHANG, et al

By: Vijayalakshmi D. Duraiswamy
Vijayalakshmi D. Duraiswamy
Attorney for Applicant
Registration No. 31,505

Enclosure: Form PTO-1449 w/references
HUGHES ELECTRONICS CORPORATION
RE/R11/A109
P.O. Box 956
El Segundo, CA 90245-0956
(310) 964-0733

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PATENT APPLICATION

Page 1 of 3

Form PTO-1449	Serial Number 09/594,374	Docket PD-200092
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant DONALD C. D. CHANG ET. AL.	
(Use several sheets if necessary)	Filing Date June 15, 2000	Group 2681

U.S. PATENT DOCUMENTS

		Document Number	Date	Name	Class	Sub Class
		4,085,368	04/18/78	Yeh		
		4,236,161	11/25/80	Ohm		
		4,689,625	08/25/87	Barmat		
		4,819,227	4/ 4 /89	Rosen		
		4,823,341	04/18/89	Rosen		
		5,444,449	08/22/95	Poskett et al.		
		5,555,257	9/10/96	Dent		
		5,592,481	01/07/97	Wiedeman et al.		
		5,594,941	1/14/97	Dent		
		5,678,174	10/14/97	Tayloe		
		5,732,351	03/24/98	Olds et al.		
		5,894,590	04/13/99	Vatt et al.		
		5,903,549	05/11/99	Von der Embse et. al		
		5,946,603	08/ 31/99	Ibanez-Meier et al.		
		5,949,766	09/07/99	Ibanez-Meier et.al		
		5,966,371	10/12/99	Sherman		
		5,974,317	10/26/99	Djuknic et al.		
		5,974,324	10/26/99	Henson		
		5,990,928	11/23/99	Sklar et al.		
		6,002,935	12/14/99	Wang		
		6,019,318	02/01/00	Cellier et al.		

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		Document Number	Date	COUNTRY	Class	Sub Class
		EP 0 748 062 A	12/11/96	EPO		
		EP 0 887 951 A2	12/30/98	EPO		
		EP 1 037 403 A2	09/20/00	EPO		
		EP 1 139 583 A2	10/04/01	EPO		
		EP 1 148 662 A2	10/24/01	EPO		
		EP 1 158 698 A2	11/28/01	EPO		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	Colella, Nicholas J. et al., "High Speed Internet Access via Stratospheric HALO Aircraft", INET 99 Proceedings, Internet Society, Technology, Wireless, 13 pages, June 8, 1999.
Examiner	Date Considered

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PATENT APPLICATION

Page 2 of 3

Form PTO-1449	Serial Number 09/594,374	Docket PD-200092
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant DONALD C. D. CHANG ET. AL.	
(Use several sheets if necessary)	Filing Date June 15, 2000	Group 2681

U.S. PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class
	6,023,463	02/ 08/00	Wiedeman et al.		
	6,040,798	03/21/00	Kinal et al.		
	6,047,186	04/04/00	Yu et al.		
	6,061,562	05/09/00	Martin et al.		
	6,088,341	07/11/00	Hinedi et al.		
	6,105,060	08/15/00	Rothblatt		
	6,125,261	09/26/00	Anselmo et al.		
	6,126,116	10/03/00	Cellier		
	6,138,012	10/24/00	Krutz et. al		
	6,151,308	11/21/00	Ibanez-Meier et al.		
	6,157,811	12/05/00	Dent		
	6,160,994	12/12/00	Wiedeman		
	6,169,910 B1	01/02/01	Tamil et al.		
	6,173,178 B1	01/09/01	Hammill et al.		
	6,178,328 B1	01/23/01	Tang et al.		
	6,188,896 B1	02/13/01	Perahia et al.		
	6,205,320 B1	03/20/01	Coleman		
	6,208,626 B1	03/27/01	Brewer		
	6,215,776 B1	04/10/01	Chao		
	6,236,834 B	05/22/01	Poskett et al.		
	6,257,526 B1	07/10/01	Taormina et al.		
	6,295,440 B2	09/25/01	Chang et al.		

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	Document Number	Date	Country	Class	Sub Class
	DE 19629 744 A	02/06/97	Germany (Same patent family member as US 5,894,590)		
	WO 90/13186	11/01/90	WIPO		
	WO 97 07609 A	02/27/97	WIPO		
	WO 00/41340	07/13/00	WIPO		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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PATENT APPLICATION

Page 3 of 3

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U.S. PATENT DOCUMENTS

		Document Number	Date	Name	Class	Sub Class
		6,311,068 B1	10/30/01	Leung et al.		
		6,317,412 B1	11/13/01	Natali et al.		
		6,317,420 B1	11/13/01	Schiff		
		6,324,381 B1	11/27/01	Anselmo et al.		
		6,324,398 B1	11/27/01	Lanzerotti et al.		
		6,325,332 B1	12/04/01	Cellier et al.		
		6,327,523 B2	12/04/01	Cellier		
		6,333,924 B1	12/25/01	Porcelli et al.		
		6,336,612 B1	01/08/02	Taormina et al.		
		6,337,980 B1	01/08/02	Chang et al.		
		6,339,708 B1	01/15/02	Wang		
		6,388,615 B1	05/14/02	Chang et al.		
		6,389,336 B2	05/14/02	Cellier		
		6,434,384	08/13/02	Norin et al.		
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		6,567,052 B1	05/20/03	Wang et al.		
		US 2001/0000167	4/2001	Chang et al.		
		US 2002/0006795 A1	Pub. 01/17/02	Norin		
		US 2002/0041575 A1	04/ 11/02	Karabinis et al.		

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class
		WO 9851568 A	11/19/98	WIPO		
		JP 59-097239	06/05/84	Japan (with English Abstract)		
		JP 08-331030	12/13/96	Japan (believed to correspond to USP 5,592,481)		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Examiner	Date Considered